



NCDOT Prioritization 3.0 Project Summary

SPOT ID: H141157

Mode: Highway

Status: Submitted

SR-1007 (Randleman Road)

From/Cross Street: Glendale Drive

Specific Improvement Type: 1 - Widen Existing Roadway

To: Elmsley Drive

Project Category: Division Needs

Length: 0.35

TIP#:

Fully Funded in Draft STIP? No

Cost to NCDOT: \$2,158,000

Description:

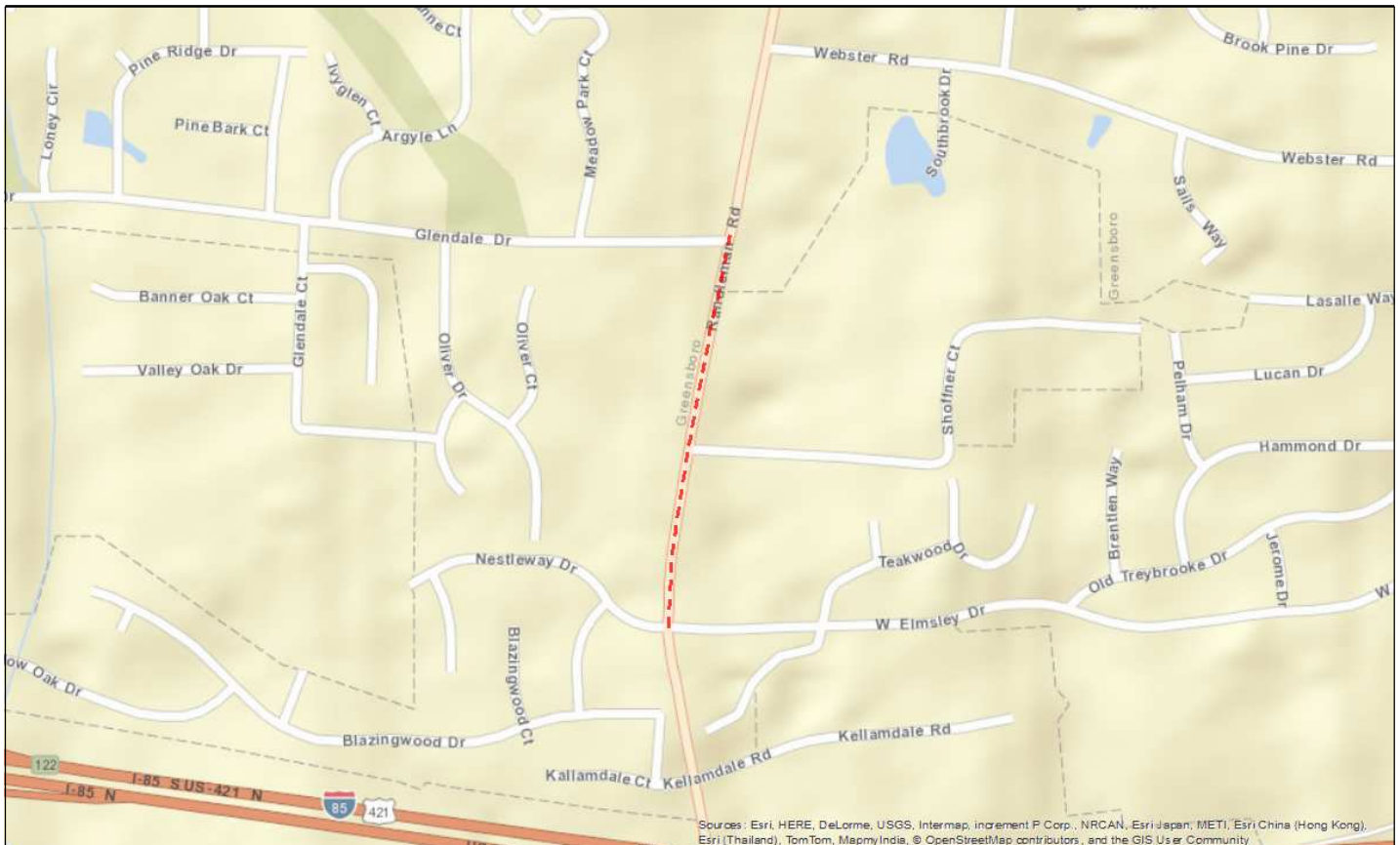
Widen from 2 lanes to 4 lane divided. Construct accommodations for bike and pedestrian.

Division(s): Division 7

County(s): GUILFORD

MPOS(s)/RPO(s): Greensboro Urban Area MPO

Project Location



Statewide Mobility Total Score: 0

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Totals: Weight: 0% Weighted Score: 0	N/A	N/A

Regional Impact Total Score: 0

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Totals: Weight: 0% Weighted Score: 0	Percent: 15% Points: 0	Percent: 15% Points: 0

Division Needs Total Score: 67.14

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Congestion (V/C) (20%) 62.96 Safety (10%) 55.53 [Travel Time] Benefit/Cost (20%) 7.46 Totals: Weight: 50% Weighted Score: 19.64	Percent: 25% Points: 90	Percent: 25% Points: 100

Project Data ***Existing Conditions**

Existing Cross-Section:	
Speed Limit:	35
Length (miles):	0.35
Facility Type:	Arterial
Access Control:	None
Functional Classification:	Minor Arterial
Terrain Type:	Rolling
Lane Width:	12
Paved Shoulder Width:	0
Roadway has Curb & Gutter?	No
Volume (AADT):	15000.01
Capacity:	15800
Volume/Capacity Ratio:	0.95
% Autos:	100%
% Trucks:	0%
Truck Volume:	0
Crash Density:	33.3
Crash Severity:	100
Critical Crash Rate:	33.3
Crash Frequency:	0
Severity Index:	0
County Tier Designation:	2
Non-Interstate STRAHNET Route?	No
Average Commuting Time:	23
Existing Median Type (for Cost Estimation):	TWLT
Pavement Condition Rating:	44
Actual Congested Speed:	43
Travel Time Index:	0.81

Project Benefits

Project Cross-Section:	4F - 4 Lane Divided (17'-6" Raised Median) with Curb & Gutter, Wide Outside Lanes, and Sidewalks
Speed Limit:	35
Length (miles):	0.35
Facility Type:	Arterial
Access Control:	None
Functional Classification:	Minor Arterial
Terrain Type:	Rolling
DOT Design Lane Width:	12
DOT Design Paved Shoulder Width:	4
Travel Time Savings for 30 Years (Total):	732083.76
Travel Time Savings for 30 Years (Autos):	732083.76
Travel Time Savings for 30 Years (Trucks):	0
Long-Term Employment:	
% Change in Economy:	
Provides Direct Connection to Transportation Terminal?	No
Does project upgrade how the roadway functions?	No
In CTP or LRTP?	Yes
CTP/LRTP Name:	2035 Greensboro MPO LRTP
CTP/LRTP Completion Year:	2013
Submitted by:	Greensboro Urban Area MPO

* Data reflects calculations which include weighted averages (where applicable) and represent raw output from the Department's SPOT Online tool and associated databases.

Project Ownership**Division**

Division	Percent	Regional Impact	Division Needs
Division 7	100%	0	90
	0%	0	0
	0%	0	0
TOTAL Division Points		0	90

MPO/RPO

MPO/RPO	Percent	Regional Impact	Division Needs
Greensboro Urban Area MPO	100%	0	100
	0%	0	0
	0%	0	0
TOTAL MPO/RPO Points		0	100

Project Cost and Source

Construction Cost:	\$1,635,000	Cost Estimation Tool
Right-of-Way Cost:	\$467,000	Cost Estimation Tool
Utilities Cost:	\$56,000	Cost Estimation Tool
Total Project Cost:	\$2,158,000	
Other Funding:	\$0	None
Cost to NCDOT :	\$2,158,000	